

# Helena Coch

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

610  
citations

840585

11  
h-index

580701

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the urban heat island and its energy impact on residential buildings in Mediterranean climate: Barcelona case study. <i>Energy and Buildings</i> , 2017, 146, 38-54.	3.1	140
2	Chapter 4 "Bioclimatism in vernacular architecture. <i>Renewable and Sustainable Energy Reviews</i> , 1998, 2, 67-87.	8.2	88
3	Climatic performance of urban textures: Analysis tools for a Mediterranean urban context. <i>Energy and Buildings</i> , 2019, 185, 162-179.	3.1	68
4	Urban morphology indicators for solar energy analysis. <i>Energy Procedia</i> , 2017, 134, 807-814.	1.8	63
5	Effects of urban compactness on the building energy performance in Mediterranean climate. <i>Energy Procedia</i> , 2017, 122, 499-504.	1.8	51
6	Human thermal comfort conditions and urban planning in hot-humid climates "The case of Cuba. <i>International Journal of Biometeorology</i> , 2016, 60, 1151-1164.	1.3	32
7	Scaling laws and the modern city. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 382, 643-649.	1.2	31
8	ASSESSING THE COOLING EFFECT OF URBAN TEXTILE SHADING DEVICES THROUGH TIME-LAPSE THERMOGRAPHY. <i>Sustainable Cities and Society</i> , 2020, 63, 102458.	5.1	25
9	Graphical approach to assess urban quality: Mapping walkability based on the TOD-standard. <i>Cities</i> , 2018, 76, 58-71.	2.7	19
10	Solar Energy as a Form Giver for Future Cities. <i>Energies</i> , 2016, 9, 544.	1.6	15
11	Avoiding the Possible Impact of Climate Change on the Built Environment: The Importance of the Building's Energy Robustness. <i>Buildings</i> , 2013, 3, 191-204.	1.4	13
12	Assessment of the reflectivity and emissivity impact on light metal roofs thermal behaviour, in warm and humid climate. <i>Energy and Buildings</i> , 2019, 188-189, 200-208.	3.1	11
13	Opaque Ventilated Façade (OVF) Thermal Performance Simulation for Office Buildings in Brazil. <i>Sustainability</i> , 2020, 12, 7635.	1.6	9
14	Daylight Management in Mediterranean Cities: When Shortage Is Not the Issue. <i>Energies</i> , 2016, 9, 753.	1.6	8
15	Solar Access Assessment in Dense Urban Environments: The Effect of Intersections in an Urban Canyon. <i>Energies</i> , 2016, 9, 796.	1.6	8
16	Yellow is green: An opportunity for energy savings through colour in architectural spaces. <i>Energy and Buildings</i> , 2014, 78, 105-112.	3.1	7
17	Summer confort solutions in Mediterranean areas. <i>Renewable Energy</i> , 1996, 8, 128-132.	4.3	4
18	The Energy Consumption of Terraces in the Barcelona Public Space: Heating the Street. <i>Sustainability</i> , 2021, 13, 865.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Monitoring and Calculation Study in Mediterranean Residential Spaces: Thermal Performance Comparison for the Winter Season. <i>Buildings</i> , 2022, 12, 325.	1.4	4
20	The Mediterranean blind: Less light, better vision. <i>Renewable Energy</i> , 1998, 15, 431-436.	4.3	2
21	Buildingmass and Energy Demand in Conventional Housing Typologies of the Mediterranean City. <i>Sustainability</i> , 2019, 11, 3540.	1.6	2
22	The Role of Thermal Insulation in the Architecture of Hot Desert Climates. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 433-444.	0.5	2
23	An Approach to Daylight Contrast Assessment in Mediterranean Urban Environments. , 2017, , 77-87.		1
24	Characterization of façade fenestration for energy studies within the "Eixample" urban tissue of Barcelona. <i>Energy Procedia</i> , 2017, 122, 397-402.	1.8	1
25	Data set of climatic factors measured in a low latitude region with warm and humid climate: Solar radiation, cloud cover and sky temperature. <i>Data in Brief</i> , 2021, 38, 107404.	0.5	1
26	Urban Climate and Building Energy Performance in Compact Cities in Mediterranean Climate. , 2021, , 105-135.		0
27	The Value of the Colour Temperature in a Low Light Intensity Design. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 135-145.	0.5	0
28	The Correlation Between Urban Morphology Parameters and Incident Solar Radiation Performance to Enhance Pedestrian Comfort, Case Study Jeddah, Saudi Arabia. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 543-554.	0.5	0
29	Heat Flux Balance in Mediterranean Climates: Thermal Insulation Location in Building Enclosures. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 491-501.	0.5	0
30	Evaluation of Three Lighting Software in the Use of Different Light Intensity Spaces. <i>Smart Innovation, Systems and Technologies</i> , 2021, , 419-429.	0.5	0